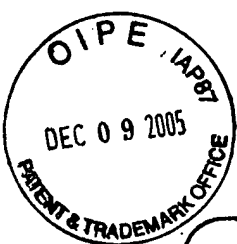


3635
IFW



B

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/598,963
	Filing Date	June 23, 2000
	First Named Inventor	Nicholas DAWES
	Art Unit	3635
	Examiner Name	Chi Ho A Lee
Total Number of Pages in This Submission	12	Attorney Docket Number SHAP-0026

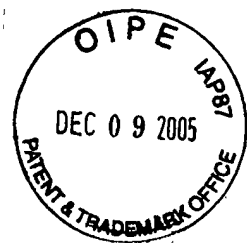
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/96 - Statement Under 37 CFR 3.73 (b)
Remarks The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 500999 should any additional fees be necessary.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Hoffman, Warrick & D'Alessandro LLC		
Signature			
Printed name	John Merecki		
Date	12/8/05	Reg. No.	35,812

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Signature	
Typed or printed name	Linda Sagarese
Date	12/08/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (04-05)

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	09/598,963
Filing Date	June 23, 2000
First Named Inventor	Nicholas DAWES
Title	METHOD FOR DETERMINING THE DELAY..
Art Unit	3635
Examiner Name	Chi Ho A Lee
Attorney Docket Number	551P07US-1

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number,

23550

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

23550

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/55)**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>K. Sanders</i>	Date	11/30/05
Name	Ken Sanders	Telephone	858-481-5000
Title and Company	CEO, Peregrine Systems, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/98 (09-04)

Approved for use through 07/31/2008, OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Peregrine Systems, Inc.Application No./Patent No.: 09/599,963 Filed/Issue Date: June 23, 2000Entitled: METHOD FOR DETERMINING THE DELAY AND JITTER IN COMMUNICATION BETWEEN OBJECTS IN A CONNECTED NETWORKPeregrine Systems, Inc. a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Nicholas DAWES; Michael SLAVITCH... To: Loran Network Management Ltd.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Loran Network Management Ltd. To: Peregrine Systems, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.09]

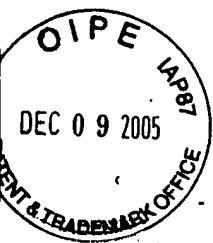
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Ken Saunders
SignatureKen Saunders
Printed or Typed NameCEO
Title11/30/05
Date858-481-5000
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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SEPTEMBER 07, 2000

PASCAL & ASSOCIATES
HAROLD C. BAKER
P.O. BOX 11121
STATION H
NEPEAN, ONTARIO CANADA K2H 7T8

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/23/2000

REEL/FRAME: 010923/0422

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DAWES, NICHOLAS W.

DOC DATE: 05/16/2000

ASSIGNOR:

SLAVITCH, MICHAEL

DOC DATE: 05/08/2000

ASSIGNOR:

RAMASWAMY, ARVIND

DOC DATE: 05/08/2000

ASSIGNEE:

LORAN NETWORK MANAGEMENT LTD.

TRIDENT HOUSE

1ST FLOOR

BRIDGETOWN, BARBADOS

SERIAL NUMBER: 09599963

FILING DATE: 06/23/2000

PATENT NUMBER:

ISSUE DATE:

, 010923/0422 PAGE 2

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
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07-21-2000



101410105

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- ☐ Departmental File ☐ Secret File

U.S. PTO
09/599963
06/23/00

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) Dawes, Nicholas W.

05162000

Name (line 2)

Execution Date
Month Day Year

Second Party

Name (line 1) Slavitch, Michael

05082000

Name (line 2)

09599963

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Loran Network Management Ltd.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) Trident House

Address (line 2) 1st Floor

Address (line 3) Bridgetown

Barbados

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Pascal & Associates

Address (line 1) P.O. Box 11121

Address (line 2) Station H

Address (line 3) Nepean, Ontario

Address (line 4) Canada, K2H 7T8

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7/21/2000 NTHAI1 00000058 09599963

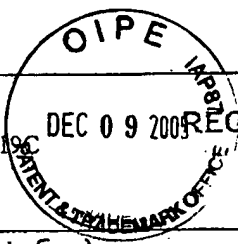
1 FC:581

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Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Ramaswamy, Arvind

Execution Date
Month Day Year

05082000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Correspondent Name and Address Area Code and Telephone Number **613 820-1366**

Name **Pascal & Associates**

Address (line 1) **P.O. Box 11121**

Address (line 2) **Station H**

Address (line 3) **Nepean, Ontario**

Address (line 4) **Canada, K2H 7T8**

Pages Enter the total number of pages of the attached conveyance document including any attachments. # **2**

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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
05 16 2000

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties Enter the total number of properties involved. # **1**

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes ☐ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Harold C. Baker (19333)
Name of Person Signing


Signature

June 22, 2000
Date

ASSIGNMENT AND AGREEMENT

For value received, we Nicholas W. DAWES, Michael SLAVITCH and Arvind RAMASWAMY whose full post office addresses are respectively 99 Lyttleton Gardens, Ottawa, Ontario, Canada, K1L 5H4; ~~379 Madison Avenue, Ottawa, Ontario, Canada, K2A 0B6~~ ^{1-45 James St.} and 1375 Prince of Wales Drive, Apt. 1102, Ottawa, Ontario, Canada, K2C 3L5 hereby sell, assign and transfer to LORAN NETWORK MANAGEMENT LTD. whose full post office address is Trident House, 1st Floor, Bridgetown, Barbados and its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to the invention entitled METHOD FOR DETERMINING THE DELAY AND JITTER IN COMMUNICATION BETWEEN OBJECTS IN A CONNECTED NETWORK as described in an application for letters patent filed in the UNITED STATES, the Declaration and Power of Attorney accompanying said application being executed on and all rights and privileges including priority rights arising from the application aforesaid and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said inventions.

We request that any and all patents for said inventions may be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for claiming said priority rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

THE UNDERSIGNED hereby authorizes the firm of PASCAL & ASSOCIATES whose full office address in Canada is Suite 405, 301 Moodie Drive, Nepean, Ontario, K2H 9C4, and whose full mailing address is P.O. Box 11121, Station H, Ottawa, Ontario, K2H 7T8, to correct errors in this assignment or to insert any

further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office.

EXECUTED AT *Ottawa*
this *16th* day of *May*
2000.

N.W. Dawes
Nicholas W. Dawes

Witness:

EXECUTED AT *Ottawa*
this *8th* day of *May*
2000.

Michael Slavitch
Michael Slavitch

Witness:

EXECUTED AT *Ottawa*
this *8th* day of *May*
2000.

Arvind Ramaswamy
Arvind Ramaswamy

Witness: *R. Cestreich*

ASSIGNMENT

File No.: see attached schedule
U.S.A

PATENT
Assignment

IN CONSIDERATION OF One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

Loran Network Management Ltd.
hereinafter referred to as the Assignor, whose full post office address is Trident House, 1st Floor, Bridgetown, (BB) assigns to

Peregrine Systems, Inc.
hereinafter referred to as the Assignee, whose full post office address is 3611 Valley Centre Drive, San Diego, California 92130, (US) all its right, title, and interest in the United States in and to each of the inventions as described in the patents and applications identified in the attached Schedule A.

THE UNDERSIGNED hereby authorizes the firm of SHAPIRO COHEN whose full post office address in Canada is 112 Kent Street, Suite 2001, P.O. Box 3440, Station "D", Ottawa, Ontario K1P 6P1, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal.

SIGNED AT 3611 Valley Centre Drive, San Diego, Ca 92130
this 28th day of November, 2005.

Loran Network Management Ltd.

Per :

Corrie Blough
Authorized Signing Officer

Name :

Corrie Blough

Witness
WITNESS

Title :

Director

FORM APPROVED
PRGM LEGAL



SCHEDULE A

Attorney Docket #	Serial # (Patent #)	Filing Date (Grant Date)	Title
551P02US	09/004,494 (6,038,394)	January 8, 1998 (March 14, 2000)	CONDITION HANDLING USING SCRIPT INTERPRETERS
551P03US	09/014,686 (6,240,068)	January 28, 1998 (May 29, 2001)	METHOD FOR AUTOMATICALLY AGGREGATING OBJECTS
551P04US	09/014,687 (6,084,860)	January 28, 1998 (July 4, 2000)	METHOD FOR DETERMINING THE DROP RATE, THE TRANSIT DELAY AND THE BREAK STATE OF COMMUNICATIONS OBJECTS
551P04US-C1	09/521,475 (6,584,072)	March 8, 2000 (June 24, 2003)	METHOD FOR DETERMINING THE DROP RATE, THE TRANSIT DELAY AND THE BREAK STATE OF COMMUNICATIONS OBJECTS
551P04US-RE	09/988,789	November 20, 2001	METHOD FOR DETERMINING THE DROP RATE, THE TRANSIT DELAY AND THE BREAK STATE OF COMMUNICATIONS OBJECTS
551P05US-1	09/349,155 (6,587,440)	July 8, 1999 (July 1, 2003)	METHOD OF DETERMINING COMPUTER NETWORK TOPOLOGIES
551P06US-1	09/399,373 (6,424,929)	September 20, 1999 (July 23, 2002)	A METHOD FOR DETECTING OUTLIER MEASURES OF ACTIVITY
551P07US-1	09/599,963	June 23, 2000	METHOD FOR DETERMINING THE DELAY AND JITTER IN COMMUNICATION BETWEEN OBJECTS IN A CONNECTED NETWORK
551P08US-1	09/678,783	October 4, 2000	METHOD OF DETERMINING THE ROUTE OF PACKETS THROUGH A NETWORK OF COMMUNICATING OBJECTS
551P09US-1	10/092,579	March 8, 2002	METHOD TO PROXY IP SERVICES

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